



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Stokes PERMIT NO.: 85-03 (Closed) FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	X	DEMO		SDTF		

Date of Audit: June 7, 2010**Date of Last Audit:** March 19, 2010**FACILITY NAME AND ADDRESS:**

Duke Energy Corporation
Belews Creek Steam Station
Pine Hall Road Ash Landfill (Closed)
Pine Hall Road
Belews Creek, NC 27009

GPS COORDINATES: N: 36.28420 E: -80.07012**FACILITY CONTACT NAME AND PHONE NUMBER:**

Melonie Martin, Environmental Coordinator
w. 336-445-0610
c. 336-669-2994
f. 336-445-0423
mymartin@duke-energy.com

FACILITY CONTACT ADDRESS:

Duke Energy Corporation
Melonie Martin, Environmental Coordinator
3195 Pine Hall Road
Belews Creek, NC 27009

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
Melonie Martin, Duke Energy Corporation - Environmental Coordinator
Thomas Wiest, Duke Energy Corporation - Civil Engineer,
William Miller, S&ME, Inc. – Senior Project Engineer

STATUS OF PERMIT:

Permit To Operate (PTO) issued January 29, 2003
PTO expiration date January 29, 2008
Closure Plan Approval letter, issued by SWS, December 7, 2007
Proposed Changes - Closure Plan (approval) letter, issued by SWS, April 30, 2008

PURPOSE OF AUDIT:

Post Closure Update Audit

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NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATION(S):

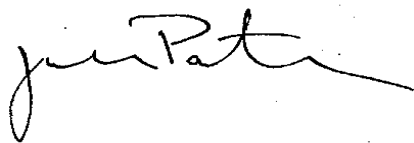
None

AREAS OF CONCERN AND COMMENTS:

On June 7, 2010, John Patrone met with Melonie Martin, Thomas Wiest, and William Miller to conduct a post closure update audit of the Duke Energy Corporation, Belews Creek Steam Station Pine Hall Road Ash Landfill (closed) in Belews Creek, Stokes County.

1. The Duke Energy Corporation, Belews Creek Steam Station Pine Hall Road Ash Landfill is no longer in operation. The landfill ceased accepting ash ~ February 2004.
2. Since January 2010 ash has seeped-out of the side slope at the right-rear corner of the landfill during heavy rains. During the last audit (March 19, 2010), Mr. Patrone was informed that the facility's contractor (S&ME, Inc.) is actively assessing the cause of the ash seepage.
3. Mr. Miller stated that S&ME, Inc. has installed several piezometers in order to determine if water originating below the ash is undercutting the side slope.
4. The facility must submit a plan of action for the repair of the side slope in a timely manner to Larry Frost (SWS – Environmental Engineer) and Elizabeth Werner (SWS – Hydrogeologist), copying Mr. Patrone on all correspondence.
5. Ms. Martin was asked to contact Mr. Patrone when repairs are complete in order for SWS to conduct an audit of the facility.

Please contact me if you have any questions or concerns regarding this audit report.



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone
Environmental Senior Specialist
Regional Representative

Delivered on <u>June 10, 2010</u> by		Hand delivery/email	X	US Mail		Certified No. <u> </u>
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cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central District Supervisor
Donald Herndon, Compliance Officer
Larry Frost, Environmental Engineer
Elizabeth Werner, Hydrogeologist